

VI. CLAIMS

I claim:

- 5 1. An object hanger, comprising:
 - a. a hanger body having a front surface and a back surface;
 - b. a mechanical fastener interpenetration element between said front surface and said back surface of said hanger body;
 - c. a hanger body edge having a beveled surface; and
 - 10 d. at least one compression element coupled to said beveled surface.
2. An object hanger as described in claim 1, wherein said compression element comprises a continuous compression element coupled to said beveled surface.
- 15 3. An object hanger as described in claim 1, wherein said compression element comprises a pair of compression elements coupled to said beveled surface.
4. An object hanger as described in claims 1, 2, or 3, wherein said compression element further comprises an inclined surface.
- 20 5. An object hanger as described in claim 4, further comprising a compression groove having a location defined by the intersection of said beveled surface and said compression element.
- 25 6. An object hanger as described in claim 1, further comprising:
 - a. a second mechanical fastener interpenetration element between said front surface and said back surface, wherein said second mechanical fastener interpenetration element defines a rotation axis; and
 - b. a third mechanical fastener interpenetration element, wherein said third mechanical interpenetration element further comprises a rotation adjustment element.
- 30

7. An object hanger as described in claim 1, further comprising an inclined strike surface, wherein the plane of said inclined strike surface intersects said front surface and said beveled surface.
- 5 8. An object hanger as described in claim 7, wherein said inclined strike surface further comprises at least one mechanical fastener interpenetration element.
- 10 9. An object hanger as described in claim 1, further comprising a mechanical fastener securement element, wherein an interpenetration between said front surface and said back surface of said hanger body has a perimeter open at a location along said beveled surface of said hanger body, and wherein back side of said hanger body has a recess substantially aligned with said interpenetration, and wherein said recess has a perimeter open at a location along said beveled surface.
- 15 10. An object hanger as described in claim 9, further comprising a lateral adjustment projection coupled to said beveled surface of said hanger body.
11. An object hanger as described in claim 10, further comprising a pair of lateral adjustment stops coupled to said beveled surface.
- 20 12. An object hanger as described in claims 1, 6, or 8, further comprising mechanical fastener recess elements coupled to said mechanical fastener interpenetration elements.
- 25 13. An object hanger as described in claims 1, 5, 7, 9, 10, or 11, further comprising at least one friction augmentation element coupled to said back side of said hanger body.
14. An object hanger, comprising:
 - 30 a. a hanger body having a front surface and a back surface;
 - b. a dual point suspension location coordinator comprising:
 - i. a first suspensory element;
 - ii. a second suspensory element;

- iii. a mechanical fastener interpenetration element between said front surface and said back surface of said hanger body;
wherein said mechanical fastener interpenetration element defines a rotation axis between said first suspensory element and said second suspensory element, and wherein said first suspensory element and said second suspensory element have pivotally coordinated selectively adjustable location coordinates.
- 5
15. An object hanger as described in claim 14, further comprising:
10 a. a hanger body edge having a beveled surface; and
 b. at least one compression element coupled to said beveled surface.
16. An object hanger as described in claim 15, wherein said compression element comprises a continuous compression element coupled to said beveled surface.
15
17. An object hanger as described in claim 15, wherein said compression element comprises a pair of compression elements coupled to said beveled surface.
18. An object hanger as described in claim 15, 16 or 17, wherein said compression element further comprises an inclined surface.
20
19. An object hanger as described in claim 18, further comprising a compression groove having a location defined by the intersection of said beveled surface and said compression element.
25
20. An object hanger as described in claim 14, wherein said a mechanical fastener interpenetration element further comprises a mechanical fastener recess element.
21. An object hanger as described in claim 14, 15 or 19, further comprising at least one friction augmentation element coupled to said back side of said hanger body.
30
22. An object hanger, comprising:
a. a first hanger body having a front surface and a back surface;

- b. at least one fastener interpenetration element between said front surface and said back surface of said first hanger body;
 - c. a mechanical fastener responsive to said mechanical fastener interpenetration element, wherein said mechanical fastener fixes said first hanger body to a surface;
 - 5 d. a hanger body edge having a beveled surface coupled to said first hanger body;
 - e. a second hanger body having a front surface and a back surface;
 - f. at least one fastener interpenetration element between said front surface and said back surface of said second hanger body;
 - 10 g. a mechanical fastener responsive to said mechanical fastener interpenetration element between said front surface and said back surface of said second hanger body, wherein said mechanical fastener fixes said first hanger body to a surface; and
 - 15 h. a hanger body edge having a beveled surface coupled to said second hanger body,
wherein said hanger body edge having a beveled surface coupled to said second hanger body and said hanger body edge having a beveled surface coupled to said first hanger body interlock.
- 20
- 23. An object hanger as described in claim 22, further comprising a lateral adjustment projection coupled to said beveled surface of said hanger body.
- 25
- 24. An object hanger as described in claim 23, further comprising a pair of lateral adjustment stops coupled to said beveled surface, whereby said lateral adjustment projection travels between said pair of lateral adjustment stops when said hanger body edge having a beveled surface coupled to said second hanger body and said hanger body edge having a beveled surface coupled to said first hanger body interlock.
- 30
- 25. An object hanger as described in claim 22, further comprising:
 - a. at least one compression element coupled to said beveled surface of said first hanger body; and

- b. at least one compression element coupled to said beveled surface of said second hanger body.
26. An object hanger as described in claim 25, wherein said compression element comprises a continuous compression element coupled to said beveled surface.
- 5 27. An object hanger as described in claim 25, wherein said compression element comprises a pair of compression elements coupled to said beveled surface.
- 10 28. An object hanger as described in claim 25, 26 or 27, wherein said compression element further comprises an inclined surface.
29. An object hanger as described in claim 22, wherein said mechanical fastener interpenetration element further comprises a mechanical fastener recess element
- 15 30. An object hanger as described in claim 22, 23, 24, or 25, further comprising at least one friction enhancement element coupled to said back surface of said first hanger body or to said back surface of said second hanger body.
- 20 31. An object hanger, comprising:
- a. a first hanger comprising:
- i. a first hanger body having a front surface and a back surface;
- ii. a mechanical fastener interpenetration element between said front surface and said back surface of said first hanger body, wherein said mechanical fastener interpenetration element defines a rotation axis;
- 25 iii. a second mechanical fastener interpenetration element between said front surface and said back surface of said first hanger body;
- iv. a rotation adjustment element coupled to said second mechanical fastener interpenetration element;
- 30 v. at least one mechanical fastener responsive to each of said mechanical fastener interpenetration elements, wherein said mechanical fasteners fix said first hanger body to a surface;

- vi. a first hanger body edge having a beveled surface;
- b. a second hanger comprising:
- i. a second hanger body having a front surface and a back surface;
- 5 ii. a mechanical fastener interpenetration element between said front surface and said back surface of said second hanger body, wherein said mechanical fastener interpenetration element defines a rotation axis;
- 10 iii. a second mechanical fastener interpenetration element between said front surface and said back surface of said second hanger body;
- iv. a rotation adjustment element coupled to said second mechanical fastener interpenetration element,
- 15 v. at least one mechanical fastener responsive to each of said mechanical interpenetration elements, wherein said mechanical fastener fixes said second hanger body to an object;
- vi. a second hanger body edge having a beveled surface,
wherein said beveled surface of said first hanger body edge and said beveled surface of said second hanger body edge interlock.
- 20 32. An object hanger as described in claim 31, further comprising:
- a. a lateral adjustment projection coupled to said beveled surface of said first hanger body; and
- b. a pair of lateral adjustment stops coupled to said beveled surface of said second hanger body, whereby said lateral adjustment element travels
25 between said pair of lateral adjustment stops.
33. An object hanger as described in claim 31, further comprising:
- a. at least one compression element coupled to said beveled surface of said first hanger body; and
- 30 b. at least one compression element coupled to said beveled surface of said second hanger body.

34. An object hanger as described in claim 33, wherein said compression element comprises a continuous compression element coupled to said beveled surface.
35. An object hanger as described in claim 33, wherein said compression element comprises a pair of compression elements coupled to said beveled surface.
36. An object hanger as described in claim 33, 34 or 35, wherein said compression element further comprises an inclined surface.
- 10 37. An object hanger as described in claim 31, wherein said mechanical fastener interpenetration element further comprises a mechanical fastener recess element
- 15 38. An object hanger as described in claim 31, 32 or 33, further comprising at least one friction enhancement element coupled to said back surface of said first hanger body or to said back surface of said second hanger body.
39. An object hanger, comprising:
- 20 a. a first hanger comprising:
- i. a first hanger body having a front surface and a back surface;
- ii. a first hanger body edge having a beveled surface;
- iii. a first mechanical fastener interpenetration element between said front surface and said back surface of said first hanger body;
- iv. a lateral adjustment projection coupled to said beveled surface of said first hanger body;
- 25 iv. a pair of lateral adjustment stops to said beveled surface;
- b. a second hanger comprising:
- i. a first hanger body having a front surface and a back surface;
- ii. a first hanger body edge having a beveled surface;
- 30 iii. a first mechanical fastener interpenetration element between said front surface and said back surface of said first hanger body;
- iv. a lateral adjustment projection coupled to said beveled surface of said first hanger body; and
- v. a pair of lateral adjustment stops coupled to said beveled surface,

wherein said first hanger and said second hanger interlock.

40. An object hanger as described in claim 39, wherein lateral adjustment projection of said first hanger travels between said pair of lateral adjustment stops of said second hanger , when said first hanger and said second hanger interlock.
5
41. An object hanger as described in claim 39, further comprising a second mechanical interpenetration element between said front surface and said back surface of said of said first hanger body or said second hanger body, wherein said first mechanical fastener interpenetration element defines an axis of rotation, and wherein said second mechanical fastener interpenetration element further comprises a rotation adjustment element.
10
42. An object hanger as described in claim 39, further comprising:
15
 - a. at least one compression element coupled to said beveled surface of said first hanger body edge; and
 - b. at least one compression element coupled to said beveled surface of said second hanger body edge.
- 20 43. An object hanger as described in claim 42, wherein said compression element comprises a continuous compression element coupled to said beveled surface.
44. An object hanger as described in claim 42, wherein said compression element comprises a pair of compression elements coupled to said beveled surface.
25 45. An object hanger as described in claim 42, 43 or 44, wherein said compression element further comprises an inclined surface.
46. An object hanger as described in claim 45, further comprising a compression groove having a location defined by the intersection of said beveled surface and
30 said compression element.
30
47. An object hanger as described in claim 39, further comprising:

- 5
- a. an inclined strike surface, wherein the plane of said inclined strike surface intersects said front surface and said beveled surface of said first hanger body; and
 - b. an inclined strike surface, wherein the plane of said inclined strike surface intersects said front surface and said beveled surface of said second hanger body.
- 10
48. An object hanger as described in claim 47, wherein said inclined strike surface further comprises at least one mechanical fastener interpenetration element.
- 15
49. An object hanger as described in claim 39, further comprising:
- a. a mechanical fastener securement element coupled to said beveled edge of said first hanger body , wherein an interpenetration between said front surface and said back surface of said hanger body has a perimeter open at a location along said beveled surface of said hanger body, and wherein back side of said hanger body has a recess substantially aligned with said interpenetration, and wherein said recess has a perimeter open at a location along said beveled surface; and
 - b. a mechanical fastener securement element coupled to said beveled edge of said second hanger body , wherein an interpenetration between said front surface and said back surface of said hanger body has a perimeter open at a location along said beveled surface of said hanger body, and wherein back side of said hanger body has a recess substantially aligned with said interpenetration, and wherein said recess has a perimeter open at a location along said beveled surface.
- 20
50. An object hanger as described in claim 41, further comprising a third mechanical fastener interpenetration element between said front side and said back side of said hanger body.
- 25
51. An object hanger as described in claim 39, 41 or 50, further comprising mechanical fastener recess elements coupled to said mechanical fastener interpenetration elements.
- 30

52. An object hanger as described in claim 39, 40, 41, 42, 46, 47 or 49, further comprising at least one friction augmentation element coupled to said back side of said hanger body.

5

53. An object hanger as described in claim 52, wherein said first hanger and said second hanger have substantially identical configurations.

10

54. A method of making an object hanger, comprising the steps of:

- a. providing a hanger body;
- b. interpenetrating said hanger body between said front surface and said back surface at a first location;
- b. beveling an edge of said hanger body surface; and
- c. coupling a compression element to said beveled surface.

15

56. A method of making an object hanger as described in step 54, further comprising the steps of:

20

- a. interpenetrating said hanger body between said front surface and said second surface at a second location;
- b. interpenetrating said hanger body between said front surface and said second surface at a third location; and
- c. coupling a rotation adjustment element to an interpenetration at said third location.

25

57. A method of making an object hanger as described in step 54, further comprising the step of providing an inclined striking surface, wherein said inclined striking surface intersects said front surface and said beveled surface.

30

58. A method of making an object hanger as described in step 54, further comprising the step of coupling a mechanical fastener securement element.

59. A method of making an object hanger as described in step 54, further comprising the step of coupling a lateral adjustment projection.

60. A method of making an object hanger as described in step 59, further comprising the step of providing a pair of lateral adjustment stops.

61. A method of hanging an object, comprising the steps of:

- 5 a. mounting a hanger body having a beveled edge and at least one compression element coupled to said beveled edge to a hanging surface, wherein said hanger body rotates relative to said mounting surface;
- 10 b. connecting the ends of a suspension element to an object;
- 10 c. positioning said suspension element between said beveled surface and said compression element;
- 10 d. adjusting the position of said object relative to said hanging surface; and
- 10 e. compressing said suspension element to maintain the position of said object relative to said hanging surface.

15 62. A method of hanging an object, comprising the steps of:

- 15 a. mounting a first hanger body having a beveled edge to a hanging surface, wherein mounting comprises fixing the orientation of said first hanger body relative to said mounting surface;
- 20 b. mounting a second hanger body having a beveled edge to an object, wherein said mounting comprises establishing a pivotally adjustable orientation of said second hanger body relative to said object;
- 20 c. interlocking said beveled edge of said first hanger body with said beveled edge of said second hanger body; and
- 25 d. adjusting the position of said object relative to said hanging surface, wherein adjusting the position of said object comprises pivotally adjusting said second hanger body.

-
- 30 63. A method of hanging an object as described in step 62, further comprising the step of adjusting the lateral position of said object relative to said mounting surface, wherein said step of adjusting the lateral position of said object relative to said mounting surface comprises positioning a lateral adjustment projection between a pair of lateral adjustment stops.

64. A method of hanging an object hanger as described in step 62, further comprising the steps of:
- a. compressing said beveled edge of said first hanger body; and
 - b. compressing said beveled edge of said second hanger body, wherein said step of compressing said beveled edge of said first hanger body and said second hanger body comprises the step of interlocking said beveled edge of said first hanger body against a compression element coupled to said beveled edge of said second hanger body.
- 10 65. A method of hanging an object, comprising the steps of:
- a. mounting a first hanger body having a beveled edge to a hanging surface, wherein said step of mounting comprises wherein said mounting comprises establishing a pivotally adjustable orientation of said first hanger body relative to said mounting surface;
 - b. mounting a second hanger body having a beveled edge to an object, wherein said step of mounting comprises wherein said mounting comprises establishing a pivotally adjustable orientation of said second hanger body relative to said object;
 - c. interlocking said beveled edge of said first hanger body with said beveled edge of said second hanger body; and
 - d. adjusting the position of said object relative to said hanging surface, wherein adjusting comprises pivotally adjusting said first hanger body, and wherein adjusting comprises pivotally adjusting said second hanger body.
- 25 66. A method of hanging an object as described in step 65, further comprising the step of adjusting the lateral position of said object relative to said hanging surface, wherein said step of adjusting the lateral position of said object relative to said hanging surface comprises positioning a lateral adjustment projection between a pair of lateral adjustment stops.
- 30 67. A method of hanging an object hanger as described in step 65, further comprising the steps of:
- a. compressing said beveled edge of said first hanger body;

- 5 b. compressing said beveled edge of said second hanger body, wherein said step of compressing said beveled edge of said first hanger body and said second hanger body comprises the step of interlocking said beveled edge of said first hanger body against a compression element coupled to said beveled edge of said second hanger body.

10 68. A method of hanging an object, comprising the steps of:
a. mounting a hanger body to a hanging surface having a lateral adjustment projection;
b. securing a saw tooth suspension element to an object;
c. positioning said lateral adjustment projection between said object and said saw tooth suspension element; and
d. adjusting the position of said object relative to said hanging surface.

15 69. A lockable object hanger, comprising:
a. a first hanger body having a front surface and a back surface which terminate in a first edge having a beveled surface;
b. at least one lock member which extends from said first hanger body;
c. a second hanger body having a front surface and a back surface which terminate in an edge having a beveled surface, wherein said beveled surface of said first hanger body and said beveled surface of said second hanger body are configured to engage in opposed mated relation; and
20 d. at least one lock member engagement coupled to said second hanger body, wherein said at least one lock member engagement has a surface configured to engage said at least one lock member to establish locked securement of said first hanger body to said second hanger body in opposed mated relation.

25 70. A lockable object hanger as described in claim 69, wherein said lock member comprises a resiliently flexible projection which terminates in a catch element.

30 71. A lockable object hanger as described in claim 70, wherein said lock member engagement comprises a lock member flexure element which slidly engages said

- catch element to generate flexure of said resiliently flexible projection sufficient to allow said catch element to engage said catch element engagement surface
72. A lockable object hanger as described in claim 72, wherein said lock member flexure element maintains an amount of flexure in said resiliently flexible projection during locked securement of said catch element with said catch element engagement surface.
- 5
73. A lockable object hanger as described in claim 70, wherein said front surface and said back surface of said first hanger body terminate in a second edge from which said at least one lock member extends.
- 10
74. A lockable object hanger as described in claim 70, wherein said front surface and said back surface of said first hanger body terminate in a third edge from which said at least one lock member extends.
- 15
75. A lockable object hanger as described in claim 70, wherein said front surface and said back surface of said first hanger body terminate in a second edge and a third edge and wherein said at least one lock member comprises two lock members one each extending from said second edge and said third edge.
- 20
76. A lockable object hanger as described in claim 71, wherein said front surface and said back surface of said second hanger body terminate in a second edge configured to provide said at least one lock member engagement.
- 25
77. A lockable object hanger as described in claim 71, wherein said front surface and said back surface of said second hanger body terminate in a third edge configured to provide said at least one lock member engagement.
- 30
78. A lockable object hanger as described in claim 71, wherein said front surface and said back surface of said second hanger body further terminates in a second edge and a third edge and wherein said at least one lock member engagement comprises

each of said second edge and said third edge configured to provide one each lock member engagement.

79. An object hanger as described in claim 69, further comprising:
- 5 a. a compression element which projects from said beveled surface of said first hanger body; and
- b. a compression element which projects from said beveled surface of said second hanger body.
- 10 80. An object hanger as described in claim 79, wherein said compression element which projects from said beveled surface of said first hanger body and said compression element which projects from said beveled surface of said second hanger body each comprise a single continuous compression element which projects from each said beveled surface.
- 15
81. An object hanger as described in claim 79, wherein said compression element which projects from to said beveled surface of said first hanger body and said compression element which projects from said beveled surface of said second hanger body each comprise a pair of compression elements which project from each said beveled surface.
- 20
82. An object hanger as described in claim 80 or 81, wherein each said compression element which projects from said beveled surface further comprises an inclined surface which intersects each said beveled surface.
- 25
83. An object hanger as described in claim 81, further comprising:
- a. a lateral adjustment projection coupled to said beveled surface of said first hanger body; and
- b. a pair of lateral adjustment stops coupled to said beveled surface of said second hanger body, whereby said lateral adjustment element travels between said pair of lateral adjustment stops.
- 30

84. A lockable object hanger as described in claim 69, further comprising an interpenetration element between said front surface and said back surface of said second hanger body which provides a rotation axis about which said second hanger body rotates.

5

85. A lockable object hanger as described in claim 84, further comprising at least one interpenetration element between said front surface and said back surface of said first hanger body.